

In the Claims:

1. (Previously Presented) A method for preserving a session between an SNA application and a TN3270E server after loss of an IP connection between the TN3270E server and a TN3270E client that is associated with the session, the method comprising:

reestablishing the IP connection between the TN3270E server and the TN3270E client;
and then
forwarding a screen refresh request to the SNA application.

2. (Original) The method of Claim 1, wherein the method further comprises:
receiving a screen refresh from the SNA application; and
forwarding the screen refresh to the TN3270E client over the reestablished IP connection.

3. (Currently Amended) A method for preserving a session between an SNA application and a TN3270E server after loss of an IP connection between the TN3270E server and a TN3270E client that is associated with the session, the method comprising:

reestablishing the IP connection between the TN3270E server and the TN3270E client;
and then

forwarding a screen refresh request to the SNA application;
receiving a screen refresh from the SNA application; and
forwarding the screen refresh to the TN3270E client over the reestablished IP connection.

~~The method of Claim 2~~, wherein ~~the step of~~ forwarding a screen refresh request to the SNA application comprises sending an LUSTAT message to the SNA application. ,

4. (Currently Amended) The method of Claim 3 [[2]], wherein the method further comprises:

receiving a user logon screen from the SNA application in response to ~~an~~ the LUSTAT message;

forwarding the user logon screen to the TN3270E client;
receiving logon information from the TN3270E client;

checking the authenticity of the received logon information; and
forwarding the screen refresh to the TN3270E client over the reestablished IP connection
only if the received logon information is authentic.

5. (Original) The method of Claim 2, wherein the screen refresh received from the SNA application and forwarded to the TN3270E client comprises a last data screen that was forwarded from the SNA application and acknowledged as received by the TN3270E client.

6. (Original) The method of Claim 1, wherein the method further comprises:
receiving a user logon screen from the SNA application in response to the screen refresh request;

forwarding the user logon screen to the TN3270E client;

receiving logon information from the TN3270E client;

checking the authenticity of the received logon information; and

resuming the session if the received logon information is authentic.

7. (Currently Amended) The method of Claim 4, wherein ~~the steps of~~ forwarding a screen refresh request to the SNA application, receiving a screen refresh from the SNA application and forwarding the screen refresh to the TN3270E client over the reestablished IP connection are performed by the TN3270E server.

8. (Original) The method of Claim 2, wherein the IP connection comprises a TCP/IP connection.

9-18. (Cancelled)

19. (Previously Presented) A system for preserving a session between an SNA application and a TN3270E server after loss of an IP connection between the TN3270E server and a TN3270E client that is associated with the session, comprising:

means for reestablishing the IP connection between the TN3270E server and the TN3270E client; and

means for forwarding a screen refresh request to the SNA application.

20. (Cancelled)

21. (Previously Presented) A computer program product for preserving a session between an SNA application and a TN3270E server after loss of an IP connection between the TN3270E server and a TN3270E client that is associated with the session, the computer program product comprising a computer usable storage medium having computer readable program code means embodied in the medium, the computer readable program code means comprising:

computer readable program code means for reestablishing the IP connection between the TN3270E server and the TN3270E client; and

computer readable program code means for forwarding a screen refresh request to the SNA application.

22-23. (Cancelled)

24. (New) A method for preserving a session between an SNA application server and a second server after loss of an IP connection between the second server and an SNA client that is associated with the session, the method comprising:

reestablishing the IP connection between the second server and the SNA client; and then receiving a screen refresh request from the SNA client over the reestablished IP connection;

forwarding the screen refresh request to the SNA application server;
receiving a screen refresh from the SNA application server in response to the screen refresh request; and

forwarding the screen refresh to the SNA client over the reestablished IP connection.

25. (New) The method of Claim 24, wherein forwarding a screen refresh request to the SNA application server comprises sending an LUSTAT message to the SNA application server, and wherein the method further comprises.

receiving a user logon screen from the SNA application server in response to the LUSTAT message;
forwarding the user logon screen to the SNA client;
receiving logon information from the SNA client;
checking the authenticity of the received logon information; and
forwarding the screen refresh to the SNA client over the reestablished IP connection only if the received logon information is authentic.

26. (New) The method of Claim 24, wherein the screen refresh received from the SNA application server and forwarded to the SNA client comprises a last data screen that was forwarded from the SNA application server and acknowledged as received by the SNA client.